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Minimum
Maximum
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Database :
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-Q=/cgn2 1/USFFO spool/US08978217/runat 14032003 141838 13457/app_query.fasta_1.1500
-DB=ISBNued Patents NA -QFMT=fastap -SUFFIX=rni -MINMATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS-bits -START=1 -END=-1 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=15
-LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=15
-MODE=LOCAL -QUTFMT=pto -NORM-ext -HEARSIZE=500 -MINLEN=0 -MAXLEN=200000000
-USER=US08978217 @CGN 1 1 13 @runat 14032003 141838 13457 -NCPU=6 -ICPU=3
-NO XLPXY -NO MMAP -LARGEQUERY -NEG SCORES=0 -WAIT -LONGLOG -DEV TIMEOUT=120
-MARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPDEXT=0.5 -FGAPOP=6 -FĞAPEXT=7
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US-08-956-242-1
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5, Ap	e 35, App	e 7, Appl	equence 7, Appl	ence 7, Appl	e 15, App	e 15, App	e 4,	e 2, Appl	e 21,	e 31, App	e 19	e 1,	e 1,	equence 1,	equence 1,	equence 1,	e 1,	equence 10	e 7,	equence 15	equence 15	e 10	equence 51	e 20	equence 20	e 20	e 1,	e 1,	nce 1,	m	equence 9,	Sequence 3, Appli

ALIGNMENTS

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APPLICATION NUMBER: US/08/746
FILING DATE: No. 5789200ember
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UDATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: ATG
REFERENCE/DOCKET NUMBER: ATG
TELEPHONE: 610 270 5219
TELEPHONE: 610 270 5219
                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: WINDOWS SOFTWARE: MICROSOFT WORD CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
COMPUTER: IBM 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Ismail Kola, Martin J. Tymms, Christine DeBouck TITLE OF INVENTION: A No. 5789200el Human ETS Family Member,
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SEQUENCE CHARACTERISTICS:
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TYPE: N

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APPLICANT: Mitcham, Jennifer L.
APPLICANT: King, Gordon E.
APPLICANT: King, Gordon E.
APPLICANT: Algate, Paul A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THE
TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.462C2
CURRENT APPLICATION NUMBER: US/09/404,879A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 393
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 139
LENGTH: 521
TYPE: DNA
ORGANIEM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: Nucleic Acid
STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
US-08-746-789A-1
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Sequence 139, Application US/09404879A
PACENT NO. 6468546
GENERAL INFORMATION:
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Best Local Similarity:
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, NAME/KEY: misc_feature
; LOCATION: (1)...(521)
; OTHER INFORMATION: n = A,T,C
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SOFTWARE: FastSE
SEQ ID NO 92
LENGTH: 551
TYPE: DNA
ORGANISM: Homo 8
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Patent No. 6486546
GENERAL INFORMATION:
APPLICANT: Mitcham, Jennifer L.
APPLICANT: King, Gordon E.
APPLICANT: King, Gordon E.
APPLICANT: NIGHTON: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.462C2
CURRENT APPLICATION UNMERR: US/09/404,879A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 393
SOFTWAREN FRANCESO FOR WINDOWS
                                                                                                                                                                                                                                                                                                                                                                                                                  No.:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    333 GAGTTCCATCTTTCATCTTTTAAGGCCCGGTTTTCAATAACCTTCATACCTCTCTC
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                                                                                                                                                                                   ACTCTCATCAGCAGCTTTTTCAGC----
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                                                          CAAGGAGGCCACCTCAGCCTCAGCCTGTTCCCCGGGCCCGCCTTTCTCCCT-CAACTTCTC 131
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Indels:
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Best Local Similarity:
Query Match:
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; ORGANISM: Homo sapien
US-09-404-879A-107
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                                                                             Sequence 23, Application US/08306691B
Patent No. 5734039
GENERAL INFORMATION:
APPLICANT: Calabretta, Bruno
APPLICANT: Skorski, Tomasz
TITLE OF INVENTION: ANTISENSE
TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES
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Patent No. 6468546
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APPLICANT: King, Gordon E.
APPLICANT: Algace, Paul A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 210121.462C2
CURRENT APPLICATION NUMBER: US/09/404,879A
CURRENT FILING DATE: 1999-09-24
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Seidel, Gonda, Lavorgna & Monaco,
STREET: Two Penn Center, Suite 1800
                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              358 GAGTTCCATCTTTCTTCATCTTTTAAGGCCCGGTTTTCAATAACCTTCATACCTCTCTC
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RESULT 6
PCT-US93-06251-78/c
; Sequence 78, Application PC/TUS9306251
; GENERAL INFORMATION:
; APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
; TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
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Best Local Similarity:
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TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
TELEX: No. 5734039e
INFORMATION FOR SEQ ID NO: 23:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US FILING DATE: September CLASSIFICATION: 514
PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
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                                                                                                                                           269
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DEDNESS: double
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CORRESPONDENCE ADDRESS: NUMBER OF SEQUENCES:

93

B: SCULLY, SCOTT, MUR.

MURPHY

& PRESSER

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RESULT 7
US-08-956-242-1
; Sequence 1, Application US/08956242C
; Patent No. 5986081
; GENERAL INFORMATION:
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Pred. No.:
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NAME: DiGiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8886
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 78:
GEOIGMAC CHEATERICS.
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LENGTH: 2301 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION UNMBER: PCT/US93/06251
FILING DATE: 19930630
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STREET: 40
CITY: Gard
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                                                                                                                                                                                                                                                                                                              US-08-978-217-7 (1-84)
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SEQ ID NO 1
SENGTH: 3141
TYPE: DNA
ORGANISM: Homo sapien
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NAME/KEY: (3126)
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NAME/KEY: unsure
NAME/KEY: (3)
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APPLICANT: Titus, Steven A.
TITLE OF INVENTION: Polynucleotides Encoding
FILE REFERENCE: 960296.94550
                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: unsure
LOCATION: (3134)
OTHER INFORMATION:
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NAME/KEY: CDS
LOCATION: (248)..(2128)
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                                        AGCTATGGAGACTTGGATGACTGTAGTCCAAA-GCACAGGAACTCCTCCCC-----CAG
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Percent Similarity:
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Patent No. 6087488
GENERAL INFORMATION:
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APPLICANT: Titus, Steven A.
TITLE OF INVENTION: Polynucleotides Encoding
FILE REFERENCE: 960296.94550
CURRENT APPLICATION NUMBER: US/09/351,215
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SOFTWARE: PatentIn Ver. 2.0
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EARLIER APPLICATION NUMBER: 08/956,242
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LOCATION: (3134)
OTHER INFORMATION: Unidentified
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ORGANISM: Homo sapien
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OTHER INFORMATION:
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LOCATION: (1568)
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OTHER INFORMATION:
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                                                                                    GTGTCCTCAGACCTCAGCCGCATCTTGGAGCTCCTCCAGAAGCCCCATGCCCCAGGGCCAC 2346
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N: Unidentified
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GENERAL INFORMATION:
APPLICANT: BOXOWSKY, Beth E.
APPLICANT: BOXOWSKY, Beth E.
APPLICANT: Cozzalek, Kristine L.
APPLICANT: Lakhlani, Parul P.
APPLICANT: Akhlani, Nika
IITLE OF INVENTION: DAN ENCODING SNORF36a AN
FILE REFERENCE: 59138-A/JPW
CURRENT APPLICATION NUMBER: US/09/518,914
CURRENT FILING DATE: 2000-03-03
EARLIER APPLICATION NUMBER: US 09/303,593
EARLIER APPLICATION NUMBER: US 09/303,593
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                                                                                     Sequence 1, Application US/08955713 Patent No. 5955308
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                                                                  GENERAL INFORMATION:
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APPLICANT:
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SATHE, GANESH
MOONEY, JEFFREY
BERGSMA, DERK-
HALSEY, WENDY
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US-08-131-3658-37
US-08-131-3658-37
; Sequence 37, Applicati.
; Patent No. 5527690
; GENERAL INFORMATION:
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US-08-955-713-1
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1594 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compati
OPERATING SYSTEM: DOS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
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FILING DATE: 18-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,(
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PRIOR APPLICATION DATA:
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NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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                                                                                            883 GAGTCCCCCGGCCACCCGGCAGCTGCCCCCACGGA 848
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                             26 ThrSerSerSerAspGluLeuSerTrpIleIleGluLeuLeuGluLysAsp-----
                                                                                                                    AlaSerProTyrHisProGlySerCysGlyAlaGly 84
                                                                                                                                                         GGAGAAGGT--
                                                                                                                                                                                     AspGlnGlySerProPheAlaGlnGluLeuLeu-----
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                               Application US/08131365B
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Conservative:
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                   RESULT 12
US-08-668-123-37
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    Sequence 37, Application US/08668123
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US-08-978-217-7 (1-84)
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Best Local Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Alignment Scores:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vers
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/131,365B
FILING DATE: 01-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (512) 474-7577 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Brown, Mid
APPLICANT: Briggs, Mid
APPLICANT: Wang, Xiac
APPLICANT: Goldstein,
TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: I
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DESCRIPTION:
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                                                                                                                                                                                                                   1355 CTGAAGGATCTGGTGTCGGCCTGTGGCAGTGGAGGGAACACAGACGTG---CTCATGGAG 1411
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MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
Arnold, White & Durkee
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: UZIP: 77210
                                                                                                                                                                               42 LysaspGlyMetAlaPheGlnGluAlaLeuAspProGlyProPheAspGlnGlySerPro 61
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LOCATION: 167..3607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 4154 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Parker, David L. REGISTRATION NUMBER: 3
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                                                                                                                                                                                                                                                        22 LeuArgAspLeuThrSerSerSerSerAspGluLeuSerTrpIleIleGluLeuLeuGlu 41
                                                                                                PheAlaGlnGluLeuLeuAspAspGlyGlnGlnAlaSerProTyrHisProGlySerCys 81
GGCAGTGGC 1513
                                GlyAlaGly
                                                                       TTC---
                                                                                                                                              GGCGTGAAGACTGAGGTGGAGGACACACTGACCCCAACCCCCTCGGATGCTGGCTCACCT
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Y: U.S.A.
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P.O. Box 4433
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VENTION: METHODS AND COMPOSITIONS RELATING
VENTION: TO STEROL REGULATORY ELEMENT BINDING
VENTION: PROTEINS
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Briggs, Michael R.
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/desc = "DNA"
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Conservative:
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Best Local Similarity:
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TELEPHONE: (512) 474-7577
INFORMATION: SEQUENCE CHARACTERISTICS:
LENGTH: 4154 base pairs
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APPLICATION NUMBER: US/08/668,12
FILING DATE: 14-JUN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/131,365
FILING DATE: 01-OCT-1993
ATTORNEY/ACENT INFORMATION:
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                                1472
                                                                                                                                                     1355 CTGAAGGATCTGGTGTCGGCCTGTGGCAGTGGAGGGAACACAGACGTG----CTCATGGAG
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MOLECULE TYPE: other nucleic
DESCRIPTION: /desc = "DNA"
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MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                           FEATURE:
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TITLE OF INVENTION: MI
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                                                                                                                  42 LysAspGlyMetAlaPheGlnGluAlaLeuAspProGlyProPheAspGlnGlySerPro 61
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LOCATION: 167..3607
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REGISTRATION NUMBER: 32,165
82 GlyAlaGly
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                                                           PheAlaGlnGluLeuLeuAspAspGlyGlnGlnAlaSerProTyrHisProGlySerCys 81
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METHODS AND COMPOSITIONS RELATING
TO STEROL REGULATORY ELEMENT BINDING
PROTEINS
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Matches:
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                                CAGAGCAGCCCTTGTCCCTTGGCAGCAGG 150
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; ORGANISM: Human
; FEATURE;
; NAME/KEY: misc_feature
; LOCATION: (1)...(111282)
; OTHER INFORMATION: n = A
US-09-754-250-3
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US-08-162-809-9
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                                                                                                                                                                                                           Sequence 9, Application Patent No. 5457048
GENERAL INFORMATION:
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TITLE OF INVENTION: ISOLATED HUMAN PHOSPHODIESTERASE
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN
TITLE OF INVENTION: PHOSPHODIESTERASE PROTEINS, AND USES THEREOF
FILE REFERENCE: CL001063
CURRENT FILING DATE: 2001-01-05
UNMBER OF SEQ ID NOS: 5
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                                                                                                                                   APPLICANT: Pasquale, Elena B.
APPLICANT: Sajjadi, Fereydoun G.
TITLE OF INVENTION: NOVEL EPH-RELATED TYROSINE KINASES,
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES, AND METHODS C
                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                        NUMBER OF SEQUENCES:
            STATE: C
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                                                CITY: San Diego
                                                                  STREET:
                                                                                     ADDRESSEE:
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              California : United States
                                                                  4370 La Jolla Village Drive,
                                                                                     CAMPBELL AND FLORES
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Matches:
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Indels:
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COMPUTER READABLE FORM: MEDIUM TYPE: Floppy

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US-08-162-809-13
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Best Local Similarity:
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                                                                                                                                                                                                                                                                             Sequence 13, Application US/08162809 Patent No. 5457048
                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Pasquale, Elena B.
APPLICANT: Sajjadi, Fereydoun G.
TITLE OF INVENTION: NOVEL EPH-RELATED TYROSINE KINASES,
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES, AND METHODS ON THE PROPERTY OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (619) 535-894 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31.815
REFERENCE/DOCKET NUMBER: P-L.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
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No.:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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NAME/KEY:
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STRANDEDNESS: both
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                                                                                                        STREET: 4370 La
CITY: San Diego
                                                        ZIP:
                                                                     COUNTRY:
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4370 La Jolla Village Drive,
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Percent Similarity:
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Query Match:
Search completed: March 15, Job time: 36.7601 secs
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ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REGISTRATION NUMBER: P-LJ
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FILING DATE:
CTACCTOR
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                              2394
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LOCATION:
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                                                           AGGCCATCGCCTACCGCAAATTCACGTCGGCCAGCGACGTGTGGAGCT 2441
                                                                                       AspAspGlyGlnGlnAlaSerProTyrHisProGlySerCysGlyAla 83
                                                                                                                       CCGACCCCACCTACACCAGCTCCCTGGGAGGCAAGATCCCCATCAGGTGGACAGCTCCTG 2393
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Matches:
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